

BLUEGRASS AREA OCCUPATIONAL OUTLOOK TO 2005

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PREFACE

The Labor Market Information in this publication is based on a vast array of labor market statistics collected and developed by the staff of the Research and Statistics (R & S) Branch of the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within the R & S Branch developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in this study. This is a statewide survey of approximately 11,000 employers representing the various industries in Kentucky. The employment data used to project industries to the year 2005 were based on the Current Employment Statistics (CES) and the Employment and Wages (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 1996 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2005 publications for each Area Development District listed below.

Purchase Area	Buffalo Trace and Gateway Areas
Pennyrile Area	FIVCO Area
Green River Area	Big Sandy Area
Barren River Area	Kentucky River Area
Lincoln Trail Area	Cumberland Valley Area
Louisville (KIPDA) Area	Lake Cumberland Area
Northern Kentucky Area	Bluegrass Area

The projections and this publication are funded by the U. S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U. S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The personal computer-based model used for the occupational projections was developed by the Utah Department of Economic Security. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the Bluegrass Area from now until the year 2005? Which occupations will provide the most job openings each year through 2005? Which occupations are likely to grow the fastest from 1994 to 2005? The *Bluegrass Area Occupational Outlook to 2005* offers some insight into these questions. Students, job seekers, counselors, employers and others should find this report helpful as a resource for the occupational outlook of the Bluegrass Area through 2005.

This report contains highlights and a user's guide to occupational outlook statistics that provide answers to frequently asked questions about occupational outlook statistics. Also included are tables of the top 50 Bluegrass Area occupations with the most annual job openings and the top 50 fastest-growing Bluegrass Area occupations. The Bluegrass Area Occupational Employment Outlook and Job Openings table beginning on page 9 provides occupational employment projections for these top occupations and many other occupations as well. This table also presents, for each of these occupations, the number and percentage of change in employment and the average number of job openings each year from 1994 through 2005.

While this study provides projections of occupational trends and job openings in the Bluegrass Area, it should be stressed that the estimates are subject to limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Bluegrass Area will look like in 2005. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available. For a detailed description of the projection methods, assumptions and limitations, please reference pages 49-52 in the **Kentucky Occupational Outlook to 2005**.

The estimates in this report reflect only the demand for labor from 1994 through 2005. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes which are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

HIGHLIGHTS

- Bluegrass Area employment is expected to grow from 336,298 to 405,667 between 1994 and 2005, a gain of 20 percent.
- Between 1994 and 2005, the total annual job openings are expected to be about 13,812.
- Growth in employment will make available 6,311 job openings annually.
- Approximately 7,501 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- Approximately 46 percent of job openings will result from growth and the remaining 54 percent will result from separations from the labor force.
- The greatest number of job openings will be in the Professional, Paraprofessional and Technical Occupations (2,727) followed by the Operating, Fabricating and Labor Occupations (2,534) and the Service Occupations (2,385).
- Particular occupations with the greatest percentage of change from 1994 to 2005 in the Bluegrass Area are Personal and Home Care Aides (138.6%), Electronic Pagination Systems Workers (136.7%), Amusement and Recreation Attendants (100%) and Metal Molding Machine Operators and Tenders (100%).
- Occupational growth rates between 1994 and 2005 in the Bluegrass Area are as follows:
- Service Occupations (25.1%), Professional, Paraprofessional and Technical Occupations (24.1%), Marketing and Sales Occupations (24.1%), Operating, Fabricating and Labor Occupations (23.0%) and Executive, Administrative and Managerial Occupations (22.9%).
- The top two Bluegrass Area occupations with the most annual job openings are Cashiers (677) and Retail Salespersons (430).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 50
Bluegrass Area Occupations With The Most Annual Job Openings**

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Job Openings</u>		
		<u>Average Annual</u>		
		<u>1994 - 2005</u>		
		<u>Growth</u>	<u>Separations</u>	<u>Total</u>
<u>Executive, Administrative & Managerial</u>				
<u>Occupations</u>				
19005	General Managers & Top Executives	164	177	341
15026	Food Service & Lodging Managers	60	39	99
13002	Financial Managers	39	27	66
<u>Professional, Paraprofessional &</u>				
<u>Technical Occupations</u>				
32502	Registered Nurses	102	88	190
31305	Teachers, Elementary	73	80	153
31308	Teachers, Secondary School	34	70	104
32505	Licensed Practical Nurse	36	38	74
21114	Accountants & Auditors	29	35	64
31311	Teachers, Special Education	48	16	64
28108	Lawyers	38	23	61
<u>Marketing & Sales Occupations</u>				
49023	Cashiers	269	408	677
49011	Salespersons, Retail	171	259	430
41002	Marketing & Sales, Supervisors	92	72	164
49021	Stock Clerks, Sales Floor	47	67	114
49017	Counter & Rental Clerks	32	33	65
43008	Sales Agents, Real Estate	30	31	61
<u>Administrative Support Occupations,</u>				
<u>Clerical</u>				
55347	General Office Clerks	82	173	255
55108	Secretaries, Except Legal & Medical	94	134	228
55305	Receptionists & Information Clerks	95	48	143
51002	Clerical Supervisors	66	68	134
55338	Bookkeeping, Accounting, Audit Clerks	-4	77	77
58023	Stock Clerks: Stockroom, Warehouse	21	43	64
<u>Service Occupations</u>				
67005	Janitors & Cleaners	162	111	273
65008	Waiters & Waitresses	58	151	209
65041	Combined Food Preparation & Service Workers	106	69	175
66008	Nursing Aides & Orderlies	95	51	146
63047	Guards	71	42	113
65032	Cooks, Fast Food	46	58	104
66011	Home Health Aides	47	11	58

Top 50
Bluegrass Area Occupations With The Most Annual Job Openings cont'd

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Job Openings</u>		
		<u>Average Annual</u>		
		<u>1994 - 2005</u>		
		<u>Growth</u>	<u>Separations</u>	<u>Total</u>
<u>Service Occupations cont'd</u>				
65038	Food Preparation Workers	69	31	100
68038	Child Care Workers	74	25	99
67002	Maids & Housekeeping Cleaners	42	40	82
65026	Cooks, Restaurant	39	41	80
66005	Medical Assistants	48	14	62
63014	Police Patrol Offices	24	36	60
63017	Correction Officers	32	12	44
<u>Agriculture, Forestry, Fishing & Related Occupations</u>				
71002	Farmers	-76	192	192
74002	Farm Workers, Except Agriculture Services	-52	100	100
79017	Animal Caretakers, Except Farm	46	53	99
<u>Precision Production, Craft & Repair Occupations</u>				
85132	Maintenance Repairers, General Utilities	80	67	147
85302	Automotive Mechanics	52	49	101
81008	First Line Supervisors, Product	38	42	80
87102	Carpenters	25	44	69
87202	Electricians	32	34	66
<u>Operators, Fabricators & Laborers</u>				
97102	Truck Drivers, Heavy	55	73	128
93905	Electrical & Electronic Assembler	68	59	127
97105	Truck Drivers, Light	69	56	125
98902	Hand Packers & Packagers	46	43	89
98905	Vehicle Washers & Equipment Cleaners	44	31	75
97947	Industrial Truck & Tractor Operators	30	31	61

**Top 50
Fastest-Growing Bluegrass Area Occupations**

<u>Occupation Code</u>	<u>Occupation Title</u>	<u>Fastest-Growing Occupations</u>				<u>Total</u>
		<u>Employment</u>		<u>Change</u>		<u>Job Openings</u>
		<u>Actual</u>	<u>Projected</u>	<u>1994 - 2005</u>		<u>Average Annual</u>
		<u>1994</u>	<u>2005</u>	<u>Number</u>	<u>Percent</u>	<u>1994 - 2005</u>
<u>Executive, Administrative & Managerial Occupations</u>						
<u>Professional, Paraprofessional</u>						
<u>Technical Occupations</u>						
25102	Systems Analysts	656	1,281	625	95.3	64
22127	Computer Engineers	79	152	73	92.4	8
32305	Occupational Therapists	66	122	56	84.8	6
32308	Physical Therapists	220	404	184	83.6	21
27307	Residential Counselors	273	466	193	70.7	24
28305	Paralegals	290	475	185	63.8	20
32908	Dental Hygienists	259	423	164	63.3	20
27308	Human Services Workers	577	922	345	59.8	45
34005	Technical Writers	124	198	74	59.7	10
22311	Surveying & Mapping Scientists	109	171	62	56.9	9
32928	Surgical Technologists	247	387	140	56.7	18
22132	Safety Engineers, Except Mining	41	64	23	56.1	3
25104	Computer Support Specialists	159	246	87	54.7	10
31311	Teachers, Special Education	984	1,507	523	53.2	64
31321	Instructors & Coaches, Sports	503	766	263	52.3	28
32314	Speech Pathologists, Audiologist	167	251	84	50.3	11
25103	Database Administrators	82	123	41	50.0	6
32911	Medical Records Technicians	270	398	128	47.4	17
31111	Lecturers	34	50	16	47.1	2
34038	Designers, Except Interior Designers	478	697	219	45.8	27
<u>Marketing & Sales Occupations</u>						
43014	Securities & Financial, Sales	212	332	120	56.6	14
<u>Administrative Support Occupations, Clerical</u>						
53123	Adjustment Clerks	839	1,328	489	58.3	53
<u>Service Occupations</u>						
68035	Personal & Home Care Aides	241	575	334	138.6	36
68014	Amusement & Recreation Attendants	355	710	355	100.0	43
66017	Physical & Corrective Therapy Assistants	216	424	208	96.3	25
66021	Occupational Therapy Assistants	29	57	28	96.6	4
66011	Home Health Aides	728	1,250	522	71.7	58
66005	Medical Assistants	780	1,307	527	67.6	62
68008	Manicurists	57	94	37	64.9	4

**Top 50
Fastest-Growing Bluegrass Area Occupations cont'd**

Occupation Code	Occupation Title	Fastest-Growing Occupations				Total
		Employment		Change		Job Openings
		Actual	Projected	1994 - 2005		Average Annual
		1994	2005	Number	Percent	1994 - 2005
<u>Service Occupations cont'd</u>						
67008	Pest Controllers & Assistants	219	338	119	54.3	15
66002	Dental Assistants	539	818	279	51.8	41
68021	Ushers, Lobby Attendants, Ticket Takers	203	299	96	47.3	15
<u>Agriculture, Forestry, Fishing & Related Occupations</u>						
79005	Nursery Workers	198	318	120	60.6	16
79033	Pruners	72	107	35	48.6	4
<u>Precision Production, Craft & Repair Occupations</u>						
89707	Electronic Pagination System Workers	30	71	41	136.7	4
89917	Optical Goods Workers, Precision	30	47	17	56.7	3
85308	Motorcycle Repairers	26	38	12	46.2	2
<u>Operators, Fabricators & Laborers</u>						
91911	Metal Molding Machine Operators/Tenders	44	88	44	100.0	5
91508	Combination Machine Tool Operators/Tenders	147	268	121	82.3	13
93111	Electromechanical Equipment Assemblers	214	375	161	75.2	20
91502	Numerical control Machine Operators	192	328	136	70.8	15
91908	Metal Molding Machine Setters/Operators	49	78	29	59.2	5
92714	Textile Bleach & Dye Machine Operators/Tenders	37	58	21	56.8	3
91505	Combination Machine Tool Setters	76	117	41	53.9	5
98905	Vehicle Washers & Equipment Cleaners	948	1,437	489	51.6	75
92953	Painting Machine Operators/Tenders	389	589	200	51.4	28
93947	Painting, Coating, Decorating Hand	97	146	49	50.5	7
92935	Chemical Equipment Controllers/Operators	66	97	31	47.0	5
92944	Cutting & Slicing Machine Operators/Tenders	192	279	87	45.3	11
91714	Metal Fabricators, Structural Metal	177	257	80	45.2	10

EXPLANATION OF DATA ELEMENTS ON THE OCCUPATIONAL OUTLOOK TABLE

1994 To 2005



Occupational Employment Outlook And Job Openings

Occupational		Employment		Change		Job Openings		
		1994	2005	1994 - 2005		Average Annual 1994 - 2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total

OCCUPATIONAL CODE & OCCUPATIONAL TITLE

➤ The occupations in this report are based on the National *Occupational Employment Statistics* (OES) Title & Coding Structure.

EMPLOYMENT 1994 2005

➤ Occupational employment estimates for 1994 are based on the *Occupational Employment Statistics* (OES) survey of Kentucky employers, and the projected occupational estimates of employment to 2005 are based on industry projections and projected occupational change factors between 1994 and 2005.

NOTE:

➤ Occupational employment estimates for 1994 and 2005 include all classes of workers such as public and private wage and salary, agricultural, private household and self-employed.

CHANGE 1994 - 2005

➤ **Number** - Total number of jobs in an occupation gained or lost over the 1994 to 2005 period.

➤ **Percent** - Percent change in employment in an occupation over the 11-year projected period.

NOTE:

➤ In Kentucky, the average percent change over the 11-year period for all occupations is 17.3%; therefore, the following general rule applies:

An occupation is expected to experience:

- 1) average growth if percent change is between 15% and 20%;
- 2) very fast growth if > 35%;
- 3) fast growth if > 20% < 35%;
- 4) slow growth if > 5% < 15%;
- 5) very slow growth if > 0% < 5%;
- 6) declining or negative growth if < 0%.

AVERAGE ANNUAL JOB OPENINGS

➤ The **Growth** column provides estimates of job openings per year in an occupation which is expected to result from employment growth.

➤ The **Separations** column provides estimates of job openings per year in an occupation, resulting from workers separating or leaving the occupation, requiring replacement workers. These job openings occur from retirements, promotions or transfers within occupations.

➤ The **Total** column provides estimates of the total number of job openings expected to be created each year from employment growth (**Growth**), and/or workers leaving the occupation (**Separations**).

➤ If employment growth in an occupation is negative (that is, there is a decline in the number of workers employed in that occupation from 1994 to 2005), then "**Total**" job openings for that occupation will equal the number of "**Separations**." They are equal because the separation estimate already accounts for the negative employment growth.

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
10000	Executive, Administrative & Managerial Occupations	20,353	25,011	4,658	22.9	425	440	865
11000	Managerial & Administrative Occupations	20,353	25,011	4,658	22.9	425	440	865
13000	Administrative Specialty Managers	4,402	5,579	1,177	26.7	108	93	201
13002	Financial Managers	1,374	1,799	425	30.9	39	27	66
13005	Personnel, Training, & Labor Relations Managers	455	553	98	21.5	9	11	20
13008	Purchasing Managers	351	428	77	21.9	7	7	14
13011	Marketing, Advertising & Public Relations Managers	904	1,190	286	31.6	26	20	46
13014	Administrative Services Managers	609	716	107	17.6	10	13	23
13017	Engineering, Math, & Natural Sciences Managers	709	893	184	26.0	17	15	32
15000	Line & Middle Management	5,889	7,291	1,402	23.8	128	133	261
15002	Postmasters & Mail Superintendents	50	48	-2	-4.0	0	1	1
15005	Education Administrators	1,190	1,368	178	15.0	16	35	51
15008	Medicine & Health Service Managers	671	810	139	20.7	13	15	28
15011	Property & Real Estate Managers	574	725	151	26.3	14	10	24
15014	Industrial Production Managers	572	681	109	19.1	10	12	22
15017	Construction Managers	470	647	177	37.7	16	10	26
15021	Mining & Related Managers	*	*	*	*	*	*	*
15023	Communication, Transportation & Utilities Manager	455	430	-25	-5.5	-2	10	10
15026	Food Service & Lodging Managers	1,849	2,511	662	35.8	60	39	99
15031	Nursery & Greenhouse Managers	*	*	*	*	*	*	*
15032	Lawn Service Managers	37	45	8	21.6	1	1	2
19000	Other Managers & Administrators	10,062	12,141	2,079	20.7	189	214	403
19002	Government Chief Executives & Legislatures	426	413	-13	-3.1	-1	11	11
19005	General Managers & Top Executives	8,420	10,229	1,809	21.5	164	177	341
19999	All Other Managers & Administrators	1,216	1,499	283	23.3	26	26	52

Executive, Administrative & Managerial Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005		Average Annual 1994-2005		
				Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
20000	Professional, Paraprofessional, Technical Occupations	64,984	80,661	15,677	24.1	1,431	1,296	2,727
21000	Management Support Occupations	9,552	10,879	1,327	13.9	123	183	306
21100	Accountants, Auditors, Financial Specialists	3,089	3,637	548	17.7	51	57	108
21102	Underwriters	82	102	20	24.4	2	2	4
21105	Credit Analysts	68	74	6	8.8	1	1	2
21108	Loan Officers & Counselors	382	477	95	24.9	9	6	15
21111	Tax Preparers	119	162	43	36.1	4	2	6
21114	Accountants & Auditors	1,768	2,087	319	18.0	29	35	64
21117	Budget Analysts	205	213	8	3.9	1	3	4
21199	All Other Financial Specialists	465	522	57	12.3	5	8	13
21300	Purchasing Agents & Buyers	766	947	181	23.6	17	18	35
21302	Wholesale & Retail Buyers, Except Farm	201	232	31	15.4	3	5	8
21305	Purchasing Agents & Buyers, Farm	56	62	6	10.7	1	1	2
21308	Purchasing Agents, Except Farm Products	509	653	144	28.3	13	12	25
21500	Personnel Specialists & Related Occupations	983	1,180	197	20.0	18	19	37
21502	Claims Takers, Unemployment Benefits	115	113	-2	-1.7	0	3	3
21505	Special Agents, Insurance	*	*	*	*	*	*	*
21508	Employment Interviewers	173	208	35	20.2	3	3	6
21511	Personnel, Training & Labor Relations Specialists	671	829	158	23.6	14	13	27
21900	All Other Management Support	4,714	5,115	401	8.5	37	89	126
21902	Cost Estimators	263	369	106	40.3	10	3	13
21905	Management Analysts	456	511	55	12.1	5	6	11
21908	Construction & Building Inspectors	160	196	36	22.5	3	3	6
21911	Inspectors & Compliance Officers, Ex. Construction	649	723	74	11.4	7	14	21
21914	Tax Examiners, Collectors & Revenue Agents	356	355	-1	-0.3	0	8	8
21917	Assessors	*	*	*	*	*	*	*
21921	Claims Examiners, Property & Casualty Insurance	*	*	*	*	*	*	*
21999	All Other Management Support Workers	2,792	2,917	125	4.5	11	54	65
22000	Engineers & Related Occupations	6,227	7,661	1,434	23.0	133	136	269
22100	Engineers	3,201	4,234	1,033	32.3	95	75	170
22102	Aeronautical & Astronautical Engineers	*	*	*	*	*	*	*
22105	Metallurgists & Related Engineers	56	67	11	19.6	1	1	2
22108	Mining Engineers, Including Mine Safety Engineers	16	16	0	0.0	0	0	0
22114	Chemical Engineers	63	80	17	27.0	2	2	4
22121	Civil Engineers, Including Traffic Engineers	535	622	87	16.3	8	15	23
22123	Agricultural Engineers	*	*	*	*	*	*	*
22126	Electrical & Electronics Engineers	457	558	101	22.1	9	10	19
22127	Computer Engineers	79	152	73	92.4	7	1	8
22128	Industrial Engineers, Except Safety Engineers	314	409	95	30.3	9	8	17
22132	Safety Engineers, Except Mining	41	64	23	56.1	2	1	3
22135	Mechanical Engineers	957	1,348	391	40.9	36	22	58
22138	Marine Engineers	*	*	*	*	*	*	*
22199	All Other Engineers	673	906	233	34.6	21	15	36
22301	Architects, Surveyors & Mapping Scientists	330	435	105	31.8	10	8	18
22302	Architects, Except Landscape & Marine	187	222	35	18.7	3	4	7
22308	Landscape Architects	34	42	8	23.5	1	1	2
22311	Surveying & Mapping Scientists	109	171	62	56.9	6	3	9
22500	Engineering & Related Technicians & Technologists	2,696	2,992	296	11.0	28	53	81
22502	Civil Engineering Technicians & Technologists	515	557	42	8.2	4	9	13

Professional, Paraprofessional, & Technical Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
22505	Electrical & Electronic Technicians & Technologists	336	425	89	26.5	8	7	15
22508	Industrial Engineering Technicians & Technologists	183	178	-5	-2.7	0	4	4
22511	Mechanical Engineering Technicians/Technologists	211	272	61	28.9	6	5	11
22514	Drafters	710	763	53	7.5	5	13	18
22517	Estimators & Drafters, Utilities	*	*	*	*	*	*	*
22521	Surveying & Mapping Technicians	197	138	-59	-30.0	-5	5	5
22599	All Other Engineering Technicians & Technologists	522	633	111	21.3	10	10	20
24000	Natural Scientists & Related Occupations	1,276	1,545	269	21.1	26	33	59
24100	Physical Scientists	275	334	59	21.5	6	8	14
24102	Physicists & Astronomers	*	*	*	*	*	*	*
24105	Chemists	153	182	29	19.0	3	4	7
24108	Meteorologists	*	*	*	*	*	*	*
24111	Geologists, Geophysicists, Oceanographers	50	58	8	16.0	1	2	3
24199	All Other Physical Scientists	54	76	22	40.7	2	2	4
24300	Life Scientists	359	421	62	17.3	6	10	16
24302	Foresters & Conservation Scientists	117	138	21	18.0	2	3	5
24305	Agricultural & Food Scientists	65	71	6	9.2	1	2	3
24308	Biological Scientists	112	128	16	14.3	1	3	4
24311	Medical Scientists	43	56	13	30.2	1	1	2
24399	All Other Life Scientists	*	*	*	*	*	*	*
24500	Physical & Life Science Technicians & Technologists	642	790	148	23.1	14	15	29
24502	Biological & Agriculture Technicians	135	152	17	12.6	2	3	5
24505	Chemical Technicians, Except Health	162	213	51	31.5	5	4	9
24508	Nuclear Technicians, Technologists	*	*	*	*	*	*	*
24511	Petroleum Technicians & Technologists	*	*	*	*	*	*	*
24599	All Other Science Technicians	338	416	78	23.1	7	8	15
25000	Computer, Mathematical & Related Occupations	2,194	3,345	1,151	52.5	106	46	152
25100	Computer Scientists & Related Workers	2,124	3,245	1,121	52.8	103	45	148
25102	Systems Analysts	656	1,281	625	95.3	57	7	64
25103	Database Administrators	82	123	41	50.0	4	2	6
25104	Computer Support Specialists	159	246	87	54.7	8	2	10
25105	Computer Programmers	872	1,135	263	30.2	24	25	49
25108	Computer Programmer Aides	267	285	18	6.7	2	8	10
25111	Programmers, Numerical, Tool & Process Control	*	*	*	*	*	*	*
25199	All Other Computer Scientists	71	152	81	114.1	7	1	8
25301	Mathematical Scientists & Related Workers	70	100	30	42.9	3	1	4
25302	Operations Research Analysts	*	*	*	*	*	*	*
25310	Mathematical Scientists	*	*	*	*	*	*	*
25312	Statisticians	*	*	*	*	*	*	*
25313	Actuaries	*	*	*	*	*	*	*
25315	Financial Analysts, Statistical	*	*	*	*	*	*	*
25319	Mathematicians & All Other Math Scientists	*	*	*	*	*	*	*
27000	Social Scientists, Recreation, Religion Occupations	4,245	5,579	1,334	31.4	122	87	209
27100	Social Scientists	422	487	65	15.4	6	8	14
27102	Economists	66	71	5	7.6	0	2	2
27105	Urban & Regional Planners	47	54	7	14.9	1	1	2
27108	Psychologists	194	226	32	16.5	3	2	5
27199	All Other Social Scientists	115	136	21	18.3	2	3	5
27200	Social, Recreational & Religious Workers	3,823	5,092	1,269	33.2	116	79	195
27302	Social Workers, Medical & Psychiatric	559	703	144	25.8	13	11	24
27305	Social Workers, Except Medical & Psychiatric	719	890	171	23.8	16	14	30
27307	Residential Counselors	273	466	193	70.7	18	6	24

Professional, Paraprofessional, & Technical Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional, & Technical Occupations

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
27308	Human Services Workers	577	922	345	59.8	31	14	45
27311	Recreation Workers	288	369	81	28.1	7	6	13
27502	Clergy	1,206	1,493	287	23.8	26	24	50
27505	Directors, Religious Activities & Education	173	215	42	24.3	4	3	7
27599	All Other Religious Workers	28	34	6	21.4	1	1	2
28000	Law & Related Occupations	2,397	3,032	635	26.5	58	34	92
28100	Lawyers & Judicial Workers	1,904	2,322	418	22.0	38	28	66
28102	Judges & Magistrates	90	91	1	1.1	0	3	3
28105	Adjudicators, Hearing Officials & Judicial Reviewers	111	111	0	0.0	0	2	2
28108	Lawyers	1,703	2,120	417	24.5	38	23	61
28300	Legal Assistants and Technicians, Except Clerical	493	710	217	44.0	20	6	26
28302	Law Clerks	140	171	31	22.1	3	2	5
28305	Paralegals	290	475	185	63.8	17	3	20
28311	Title Examiners & Abstractors	*	*	*	*	*	*	*
28399	All Other Legal Assistants	61	62	1	1.6	0	1	1
31000	Teachers, Librarians, & Counselors	17,830	22,067	4,237	23.8	383	393	776
31100	College, Junior College & University Faculty	4,912	5,881	969	19.7	87	150	237
31111	Lecturers	34	50	16	47.1	1	1	2
31114	Nursing Instructors	249	295	46	18.5	4	5	9
31117	Graduate Assistants, Teaching	119	142	23	19.3	2	4	6
31202	Life Science Teachers	906	1,085	179	19.8	16	28	44
31204	Chemistry Teachers	89	107	18	20.2	2	3	5
31206	Physics Teachers	63	75	12	19.1	1	2	3
31209	All Other Physical Sciences Teachers	60	72	12	20.0	1	2	3
31210	Social Sciences Teachers	642	768	126	19.6	11	20	31
31212	Health Specialties Teachers	262	312	50	19.1	5	8	13
31216	English & Foreign Language Teachers	487	583	96	19.7	9	15	24
31218	Art, Drama, & Music Teachers	329	393	64	19.5	6	10	16
31222	Engineering Teachers	128	153	25	19.5	2	4	6
31224	Mathematical Sciences Teachers	254	303	49	19.3	4	8	12
31226	Computer Science Teachers	104	124	20	19.2	2	3	5
31299	All Other Postsecondary Teachers	1,186	1,419	233	19.7	21	37	58
31300	Teachers & Instructors	10,275	12,834	2,559	24.9	232	200	432
31302	Teachers, Preschool & Kindergarten	851	1,109	258	30.3	23	16	39
31303	Teachers, Preschool, Educational Services	*	*	*	*	*	*	*
31305	Teachers, Elementary	3,769	4,576	807	21.4	73	80	153
31308	Teachers, Secondary School	2,543	2,922	379	14.9	34	70	104
31311	Teachers, Special Education	984	1,507	523	53.2	48	16	64
31314	Teachers & Instructors, Vocational Education	769	955	186	24.2	17	7	24
31317	Instructors, Adult, (Non-Vocational) Education	160	228	68	42.5	6	1	7
31321	Instructors & Coaches, Sports & Physical Training	503	766	263	52.3	24	4	28
31323	Farm & Home Management Advisors	335	345	10	3.0	1	3	4
31399	All Other Teachers & Instructors	359	423	64	17.8	6	3	9
31400	Librarians, Archivists, Curators, & Related Workers	2,643	3,352	709	26.8	64	43	107
31502	Librarians, Professional	438	464	26	5.9	2	10	12
31505	Technical Assistants, Library	120	146	26	21.7	2	3	5
31508	Audio-Visual Specialists	29	34	5	17.2	0	0	0
31511	Curators, Archivists, Museum Technicians/Restorers	83	101	18	21.7	2	2	4
31514	Counselors	441	584	143	32.4	13	9	22
31517	Instructional Coordinators	375	439	64	17.1	6	3	9
31521	Teacher Aides, Paraprofessional	1,157	1,584	427	36.9	39	16	55

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
32000	Health Practitioners, Technicians & Related Workers	16,423	20,398	3,975	24.2	361	284	645
32101	Health Diagnosing & Treating Occupations	2,329	2,813	484	20.8	45	43	88
32102	Physicians	1,609	1,969	360	22.4	33	26	59
32105	Dentists	398	449	51	12.8	5	10	15
32108	Optometrists	62	81	19	30.7	2	1	3
32111	Podiatrists	*	*	*	*	*	*	*
32113	Chiropractors	73	97	24	32.9	2	2	4
32114	Veterinarians & Veterinary Inspectors	178	208	30	16.9	3	4	7
32199	All Other Health Practitioners	*	*	*	*	*	*	*
32300	Therapists	936	1,449	513	54.8	47	16	63
32302	Respiratory Therapists	394	558	164	41.6	15	7	22
32305	Occupational Therapists	66	122	56	84.9	5	1	6
32308	Physical Therapists	220	404	184	83.6	17	4	21
32311	Corrective & Manual Arts Therapists	11	14	3	27.3	0	0	0
32314	Speech-Language Pathologists & Audiologist	167	251	84	50.3	8	3	11
32317	Recreational Therapists	55	69	14	25.5	1	1	2
32399	All Other Therapists	*	*	*	*	*	*	*
32501	Health Care Maintenance & Treatment Occupations	9,300	11,125	1,825	19.6	165	154	319
32502	Registered Nurses	5,890	7,014	1,124	19.1	102	88	190
32505	Licensed Practical Nurses	1,929	2,330	401	20.8	36	38	74
32508	Emergency Medical Technicians	311	425	114	36.7	10	6	16
32511	Physician Assistants	80	102	22	27.5	2	1	3
32514	Opticians, Dispensing & Measuring	142	206	64	45.1	6	3	9
32517	Pharmacists	521	578	57	10.9	5	8	13
32518	Pharmacy Technicians	264	281	17	6.4	2	5	7
32521	Dietitians & Nutritionists	141	162	21	14.9	2	4	6
32523	Dietetic Technicians	*	*	*	*	*	*	*
32901	Health Technicians & Technologists	3,858	5,011	1,153	29.9	104	71	175
32902	Medical & Clinical Laboratory Technologists	615	681	66	10.7	6	12	18
32905	Medical & Clinical Laboratory Technicians	403	459	56	13.9	5	8	13
32908	Dental Hygienists	259	423	164	63.3	15	5	20
32911	Medical Records Technicians	270	398	128	47.4	12	5	17
32914	Nuclear Medicine Technologists	45	57	12	26.7	1	1	2
32917	Radiologic Technologists	325	442	117	36.0	11	5	16
32921	Radiologic Technicians	167	225	58	34.7	5	2	7
32923	Electroneurodiagnostic Technologists	*	*	*	*	*	*	*
32925	Cardiology Technologists	57	72	15	26.3	1	1	2
32926	EKG Technicians	43	30	-13	-30.2	-1	1	1
32928	Surgical Technologists	247	387	140	56.7	13	5	18
32931	Psychiatric Technicians	93	97	4	4.3	0	1	1
32951	Veterinary Technicians & Technologists	70	85	15	21.4	1	2	3
32999	All Other Health Professionals/Paraprofessionals	1,244	1,630	386	31.0	35	23	58
34000	Writers, Editors, Artists, Entertainers, & Athletes	3,134	4,091	957	30.5	87	63	150
34001	Writers, Editors, Artists, Entertainers, & Athletes	3,134	4,091	957	30.5	87	63	150
34002	Writers & Editors	339	474	135	39.8	12	6	18
34005	Technical Writers	124	198	74	59.7	7	3	10
34008	Public Relations Specialists, Publicity Writers	189	221	32	16.9	3	4	7
34011	Reporters & Correspondents	133	163	30	22.6	3	3	6
34014	Broadcast News Analysts	*	*	*	*	*	*	*
34017	Announcers, Radio & Television	162	204	42	25.9	4	6	10
34021	Announcers, Other	*	*	*	*	*	*	*
34023	Photographers	207	270	63	30.4	6	4	10

Professional, Paraprofessional, & Technical Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional, & Technical Occupations

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
34026	Camera Operators, TV, Motion Picture, & Video	34	39	5	14.7	0	1	1
34028	Broadcast Technicians	78	81	3	3.9	0	2	2
34032	Film Editors	*	*	*	*	*	*	*
34035	Artists & Commercial Artists	324	422	98	30.3	9	6	15
34038	Designers, Except Interior Designers	478	697	219	45.8	20	7	27
34041	Interior Designers	39	44	5	12.8	0	1	1
34044	Merchandise Displayers & Window Dressers	139	159	20	14.4	2	2	4
34047	Music Director, Singers & Related Musicians	247	309	62	25.1	6	4	10
34051	Musicians, Instrumental	248	308	60	24.2	5	4	9
34053	Dancers & Choreographers	*	*	*	*	*	*	*
34056	Producers, Directors, Actors & Entertainers	112	161	49	43.8	4	2	6
34058	Athletes, Coaches, Umpires, & Related Workers	232	286	54	23.3	5	7	12
39000	Other Professionals, Paraprofessionals, Technicians	1,706	2,064	358	21.0	32	37	69
39001	Other Professionals, Paraprofessionals, Technicians	1,706	2,064	358	21.0	32	37	69
39002	Air Traffic Controllers & Airplane Dispatchers	39	44	5	12.8	0	1	1
39005	Traffic Technicians	*	*	*	*	*	*	*
39008	Radio Operators	*	*	*	*	*	*	*
39011	Funeral Directors & Morticians	102	111	9	8.8	1	2	3
39014	Embalmers	31	35	4	12.9	0	1	1
39999	All Other Professionals, Paraprofessionals, Tech.	1,511	1,848	337	22.3	31	33	64

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
40000	Marketing & Sales Occupations	38394	47659	9265	24.1	844	1097	1941
41000	Marketing & Sales, Supervisors	3,982	4,989	1,007	25.3	92	72	164
41001	Marketing & Sales, Supervisors	3,982	4,989	1,007	25.3	92	72	164
41002	Marketing & Sales, Supervisors	3,982	4,989	1,007	25.3	92	72	164
43000	Marketing & Sales, Services	5,612	6,835	1,223	21.8	112	107	219
43001	Marketing & Sales, Services	5,612	6,835	1,223	21.8	112	107	219
43002	Insurance Sales Workers	1,292	1,384	92	7.1	8	21	29
43005	Brokers, Real Estate	1,359	1,711	352	25.9	32	25	57
43008	Sales Agents, Real Estate	1,646	1,978	332	20.2	30	31	61
43011	Real Estate Appraisers	227	288	61	26.9	6	4	10
43014	Securities & Financial Services, Sales	212	332	120	56.6	11	3	14
43017	Sales Agents, Selected Business Services	384	546	162	42.2	15	10	25
43021	Travel Agents	140	168	28	20.0	3	3	6
43023	Sales Agents, Advertising	292	359	67	23.0	6	8	14
43099	All Other Sales Representatives & Services	60	69	9	15.0	1	2	3
49000	All Other Sales, Total	28,800	35,835	7,035	24.4	640	918	1,558
49001	All Other Sales	28,800	35,835	7,035	24.4	640	918	1,558
49002	Sales Engineers	138	162	24	17.4	2	5	7
49005	Sales Representatives, Scientific Products/Services	748	850	102	13.6	9	19	28
49008	Other Sales Representatives, Excluding Retail	2,640	3,256	616	23.3	56	66	122
49011	Salespersons, Retail	8,585	10,465	1,880	21.9	171	259	430
49014	Salespersons, Parts	663	824	161	24.3	15	19	34
49017	Counter & Rental Clerks	1,156	1,506	350	30.3	32	33	65
49021	Stock Clerks, Sales Floor	3,423	3,941	518	15.1	47	67	114
49023	Cashiers	10,075	13,037	2,962	29.4	269	408	677
49026	Telemarketers, Door-To-Door Sales, Street Vendors	636	842	206	32.4	19	16	35
49032	Demonstrators, Promoters, Models	77	100	23	29.9	2	3	5
49999	All Other Sales & Related Workers	659	852	193	29.3	18	23	41

Marketing & Sales Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Administrative Support Occupations, Clerical

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
50000	Administrative Support Occupations, Clerical	51,480	58,080	6,600	12.8	602	1,009	1,611
51000	Administrative Support, Supervisors	2,679	3,403	724	27.0	66	68	134
51001	Administrative Support, Supervisors	2,679	3,403	724	27.0	66	68	134
51002	Clerical Supervisors & Managers	2,679	3,403	724	27.0	66	68	134
53000	Industry Specific Support Occupations	7,370	8,757	1,387	18.8	126	158	284
53100	Bank, Security, Finance, Credit	2,964	3,251	287	9.7	26	73	99
53102	Bank Tellers	1,330	1,085	-245	-18.4	-22	50	50
53105	New Accounts Clerks, Banking	215	245	30	14.0	3	6	9
53108	Transit Clerks	*	*	*	*	*	*	*
53111	Loan Interviewers	26	33	7	26.9	1	0	1
53114	Credit Authorizers	33	42	9	27.3	1	0	1
53117	Credit Checkers	56	49	-7	-12.5	-1	1	1
53121	Loan & Credit Clerks	379	397	18	4.8	2	6	8
53123	Adjustment Clerks	839	1,328	489	58.3	44	9	53
53126	Statement Clerks	38	26	-12	-31.6	-1	0	0
53128	Brokerage Clerks	30	34	4	13.3	0	0	0
53300	Selected Insurance Workers	808	1,055	247	30.6	22	10	32
53302	Insurance Adjusters, Examiners & Investigators	240	340	100	41.7	9	3	12
53305	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	*
53308	Insurance Examining Clerks	*	*	*	*	*	*	*
53311	Insurance Claims Clerks	269	360	91	33.8	8	3	11
53314	Insurance Policy Processing Clerks	275	329	54	19.6	5	4	9
53500	Investigative & Related Workers	1,063	1,296	233	21.9	22	12	34
53502	Welfare Eligibility Workers & Interviewers	432	400	-32	-7.4	-3	6	6
53505	Investigators, Clerical	*	*	*	*	*	*	*
53508	Bill & Account Collectors	613	872	259	42.3	24	6	30
53700	Court, Municipal, & License Clerks	396	439	43	10.9	4	5	9
53702	Court Clerks	240	273	33	13.8	3	3	6
53705	Municipal Clerks	55	55	0	0.0	0	1	1
53708	License Clerks	101	111	10	9.9	1	1	2
53800	Lodging & Travel Workers	501	581	80	16.0	7	21	28
53802	Travel Clerks	*	*	*	*	*	*	*
53805	Reservation & Transportation Ticket Agents	66	65	-1	-1.5	0	2	2
53808	Hotel Desk Clerks	425	503	78	18.4	7	19	26
53900	Other Industry Specific Workers	1,638	2,135	497	30.3	45	37	82
53902	Library Assistants & Bookmobile Drivers	418	444	26	6.2	2	17	19
53905	Teacher Aides & Educational Assistants	1,110	1,563	453	40.8	41	16	57
53908	Advertising Clerks	*	*	*	*	*	*	*
53911	Proofreaders & Copy Markers	55	55	0	0.0	0	2	2
53914	Real Estate Clerks	31	42	11	35.5	1	1	2
55000	General Office & Secretarial Occupations	28,184	31,600	3,416	12.1	310	547	857
55100	Secretaries	8,673	10,093	1,420	16.4	129	153	282
55102	Legal Secretaries	610	873	263	43.1	24	11	35
55105	Medical Secretaries	450	570	120	26.7	11	8	19
55108	Secretaries, Except Legal & Medical	7,613	8,650	1,037	13.6	94	134	228
55300	General Office Occupations	19,511	21,507	1,996	10.2	181	394	575
55302	Stenographers	105	104	-1	-1.0	0	2	2
55305	Receptionists & Information Clerks	2,474	3,517	1,043	42.2	95	48	143
55307	Typists, Including Word Processing	1,061	884	-177	-16.7	-16	11	11

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
55314	Personnel Clerks, Except Payroll & Timekeeping	211	188	-23	-10.9	-2	4	4
55317	Correspondence Clerks	30	27	-3	-10.0	0	1	1
55321	File Clerks	525	547	22	4.2	2	18	20
55323	Order Clerks: Materials, Service, & Merchandise	717	823	106	14.8	10	15	25
55326	Procurement Clerks	107	123	16	15.0	1	2	3
55328	Statistical Clerks	139	124	-15	-10.8	-1	1	1
55332	Interviewing Clerks, Ex Personnel/Social Welfare	199	235	36	18.1	3	6	9
55335	Customer Service Representatives, Utilities	307	378	71	23.1	6	7	13
55338	Bookkeeping, Accounting, Auditing Clerks	4,929	4,888	-41	-0.8	-4	77	77
55341	Payroll & Timekeeping Clerks	356	370	14	3.9	1	7	8
55344	Billing, Cost & Rate Clerks	778	826	48	6.2	4	22	26
55347	General Office Clerks	7,573	8,473	900	11.9	82	173	255
56000	Electronic Data Processing & Office Machine	3,263	3,215	-48	-1.5	-4	49	49
56001	Electronic Data Processing & Office Machine	3,263	3,215	-48	-1.5	-4	49	49
56002	Billing, Posting, & Calculating Machine Operators	187	69	-118	-63.1	-11	8	8
56005	Duplicating Machine Operators	60	64	4	6.7	0	2	2
56008	Mail Machine Operators, Preparation & Handling	335	348	13	3.9	1	13	14
56011	Computer Operators, Except Peripheral Equipment	554	406	-148	-26.7	-13	9	9
56014	Peripheral EDP Equipment Operators	96	41	-55	-57.3	-5	1	1
56017	Data Entry Keyers, Except Composing	1,843	2,146	303	16.4	28	11	39
56021	Data Entry Keyers, Composing	54	27	-27	-50.0	-2	0	0
56099	All Other Office Machine Operators	134	114	-20	-14.9	-2	5	5
57000	Communications, Mail, Distribution Occupations	2,059	2,105	46	2.2	5	48	53
57100	Communications Equipment Operators	600	614	14	2.3	2	13	15
57102	Switchboard Operators	471	521	50	10.6	5	10	15
57105	Directory Assistance Operators	79	65	-14	-17.7	-1	2	2
57108	Central Office Operators	42	21	-21	-50.0	-2	1	1
57111	Telegraph & Teletype Operators	*	*	*	*	*	*	*
57199	All Other Communications Equipment Operators	*	*	*	*	*	*	*
57300	Mail & Message Distribution Workers	1,459	1,491	32	2.2	3	35	38
57302	Mail Clerks, Except Mail Machine/Postal Service	235	277	42	17.9	4	6	10
57305	Postal Mail Carriers	807	778	-29	-3.6	-3	21	21
57308	Postal Service Clerks	234	224	-10	-4.3	-1	4	4
57311	Messengers	183	212	29	15.9	3	4	7
58000	Material Recording, Scheduling, Distributing	6,611	7,721	1,110	16.8	102	123	225
58001	Material Recording, Scheduling, Distributing	6,611	7,721	1,110	16.8	102	123	225
58002	Dispatchers: Police, Fire, & Ambulance	238	260	22	9.2	2	4	6
58005	Dispatchers, Except Police, Fire, & Ambulance	318	372	54	17.0	5	5	10
58008	Production, Planning & Expediting Clerks	727	999	272	37.4	25	14	39
58011	Transportation Agents	207	281	74	35.8	7	2	9
58014	Meter Readers, Utilities	176	161	-15	-8.5	-1	4	4
58017	Weighers, Measurers, Checkers, Samplers	157	178	21	13.4	2	3	5
58021	Marking Clerks	87	98	11	12.6	1	2	3
58023	Stock Clerks: Stockroom, Warehouse, or Yard	2,204	2,432	228	10.3	21	43	64
58026	Order Fillers, Wholesale & Retail Sales	829	961	132	15.9	12	18	30
58028	Traffic, Shipping & Receiving Clerks	1,415	1,695	280	19.8	25	22	47
58099	All Other Material Recording & Related	253	284	31	12.3	3	6	9
59000	All Other Clerical Occupations	1,314	1,279	-35	-2.7	-3	16	16
59100	All Other Clerical & Administrative Support	1,314	1,279	-35	-2.7	-3	16	16
59999	All Other Clerical & Administrative Support	1,314	1,279	-35	-2.7	-3	16	16

Administrative Support Occupations, Clerical

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Service Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	Percent	Average Annual 1994-2005 Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
60000	Service Occupations	52,614	65,799	13,185	25.1	1,196	1,189	2,385
61000	First Line Supervisors, Service	2,224	2,714	490	22.0	45	60	105
61001	First Line Supervisors, Service	2,224	2,714	490	22.0	45	60	105
61002	Fire Fighting & Prevention Supervisors	127	140	13	10.2	1	5	6
61005	Police & Detective Supervisors	253	271	18	7.1	2	11	13
61008	Institutional Cleaning Supervisors	179	210	31	17.3	3	5	8
61099	All Other Service Supervisors	1,665	2,093	428	25.7	39	39	78
62000	Private Household Workers	1,404	1,059	-345	-24.6	-31	33	33
62001	Private Household Workers	1,404	1,059	-345	-24.6	-31	33	33
62011	Laundryers & Ironers, Private	*	*	*	*	*	*	*
62021	Cooks, Private Household	*	*	*	*	*	*	*
62031	Housekeepers & Butlers, Private	69	38	-31	-44.9	-3	1	1
62041	Childcare Workers, Private Household	480	424	-56	-11.7	-5	18	18
62051	Cleaners & Servants, Private Household	826	582	-244	-29.5	-22	14	14
63000	Protective Service Occupations	5,073	6,679	1,606	31.7	147	136	283
63001	Protective Service Occupations	5,073	6,679	1,606	31.7	147	136	283
63002	Fire Inspectors	*	*	*	*	*	*	*
63005	Forest Fire Inspectors & Prevention	*	*	*	*	*	*	*
63008	Fire Fighters	468	553	85	18.2	8	19	27
63011	Police Detectives & Investigators	28	30	2	7.1	0	1	1
63014	Police Patrol Officers	863	1,124	261	30.2	24	36	60
63017	Correction Officers	805	1,162	357	44.4	32	12	44
63021	Parking Enforcement Officers	*	*	*	*	*	*	*
63023	Bailiffs	20	22	2	10.0	0	0	0
63028	Criminal Investigators, Federal	33	43	10	30.3	1	1	2
63032	Sheriffs & Deputy Sheriffs	193	256	63	32.6	6	4	10
63035	Detectives, Except Public	61	85	24	39.3	2	1	3
63038	Railroad & Transit Police	*	*	*	*	*	*	*
63041	Fish & Game Wardens	*	*	*	*	*	*	*
63044	Crossing Guards	84	90	6	7.1	1	2	3
63047	Guards	2,254	3,031	777	34.5	71	42	113
63099	Other Protective Service Occupations	208	225	17	8.2	2	17	19
65000	Food, Beverage Preparation & Service Occupations	21,910	26,052	4,142	18.9	374	551	925
65001	Food & Beverage Preparation/Service Occupations	21,910	26,052	4,142	18.9	374	551	925
65002	Hosts & Hostesses: Restaurant/Lounge/Coffee Shop	451	565	114	25.3	10	13	23
65005	Bartenders	521	545	24	4.6	2	17	19
65008	Waiters & Waitresses	3,339	3,979	640	19.2	58	151	209
65011	Food Servers	91	92	1	1.1	0	6	6
65014	Dining Room, Cafeteria Attendants & Bar Helpers	940	1,038	98	10.4	9	37	46
65017	Counter Attendants, Lunchroom, Cafeteria	609	635	26	4.3	2	39	41
65021	Bakers, Bread & Pastry	168	200	32	19.1	3	4	7
65023	Butchers & Meatcutters	412	409	-3	-0.7	0	10	10
65026	Cooks, Restaurant	1,610	2,044	434	27.0	39	41	80
65028	Cooks, Institution or Cafeteria	1,663	1,739	76	4.6	7	42	49
65032	Cooks, Fast Food	2,303	2,814	511	22.2	46	58	104
65035	Cooks, Short Order	663	831	168	25.3	15	17	32
65038	Food Preparation Workers	2,679	3,439	760	28.4	69	31	100
65041	Food Preparation & Service Workers, Fast Food	5,998	7,168	1,170	19.5	106	69	175
65099	All Other Food Service Workers	463	554	91	19.7	8	16	24

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
66000	Health Service Occupations	6,582	9,497	2,915	44.3	265	121	386
66001	Health Service Occupations	6,582	9,497	2,915	44.3	265	121	386
66002	Dental Assistants	539	818	279	51.8	25	16	41
66005	Medical Assistants	780	1,307	527	67.6	48	14	62
66008	Nursing Aides, Orderlies & Attendants	3,357	4,400	1,043	31.1	95	51	146
66011	Home Health Aides	728	1,250	522	71.7	47	11	58
66014	Psychiatric Aides	177	188	11	6.2	1	3	4
66017	Physical & Corrective Therapy Assistants & Aides	216	424	208	96.3	19	6	25
66021	Occupational Therapy Assistants & Aides	29	57	28	96.6	3	1	4
66023	Ambulance Drivers & Attendants, Except EMTs	12	13	1	8.3	0	0	0
66026	Pharmacy Assistants	235	294	59	25.1	5	5	10
66099	All Other Health Service Workers	509	746	237	46.6	22	14	36
67000	Cleaning & Building Service Occupations	9,325	11,751	2,426	26.0	220	168	388
67001	Janitors & Cleaners, Including Maids	9,325	11,751	2,426	26.0	220	168	388
67002	Maids & Housekeeping Cleaners	2,489	2,956	467	18.8	42	40	82
67005	Janitors & Cleaners	5,914	7,701	1,787	30.2	162	111	273
67008	Pest Controllers & Assistants	219	338	119	54.3	11	4	15
67011	Elevator Operators	2	2	0	0.0	0	0	0
67099	All Other Cleaning & Building Service Workers	701	754	53	7.6	5	13	18
68000	Selected Personal Service Occupations	5,794	7,679	1,885	32.5	170	113	283
68001	Personal Service Occupations	5,794	7,679	1,885	32.5	170	113	283
68002	Barbers	311	339	28	9.0	3	9	12
68005	Hairdressers, Hairstylists & Cosmetologists	1,955	2,092	137	7.0	12	46	58
68008	Manicurists	57	94	37	64.9	3	1	4
68011	Shampooers	7	7	0	0.0	0	0	0
68014	Amusement & Recreation Attendants	355	710	355	100.0	32	11	43
68017	Guides	115	139	24	20.9	2	4	6
68021	Ushers, Lobby Attendants, Ticket Takers	203	299	96	47.3	9	6	15
68023	Baggage Porters & Bellhops	48	57	9	18.8	1	1	2
68026	Flight Attendants	125	167	42	33.6	4	3	7
68028	Transportation Attendants, Other	2	1	-1	-50.0	0	0	0
68032	Wardrobe & Dressing Room Attendants	13	18	5	38.5	0	0	0
68035	Personal & Home Care Aides	241	575	334	138.6	30	6	36
68038	Child Care Workers	2,313	3,127	814	35.2	74	25	99
68041	Funeral Attendants	49	54	5	10.2	0	1	1
69000	All Other Service Occupations	302	368	66	21.9	6	7	13
69001	All Other Service Workers	302	368	66	21.9	6	7	13
69999	All Other Service Workers	302	368	66	21.9	6	7	13

Service Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Agriculture, Forestry, Fishing & Related Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005 Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
70010	Agriculture, Forestry, Fishing & Related Occupations	15,816	15,560	-256	-1.6	-23	437	437
71000	Farm Operators & Managers	6,039	5,112	-927	-15.4	-84	228	228
71001	Farm Managers	6,039	5,112	-927	-15.4	-84	228	228
71002	Farmers	3,916	3,078	-838	-21.4	-76	192	192
71005	Farm Managers	2,123	2,034	-89	-4.2	-8	36	36
72000	Supervisors: Farming, Forestry & Agricultural	449	494	45	10.0	5	8	13
72001	First Line Agriculture Supervisors	449	494	45	10.0	5	8	13
72002	First Line Supervisors: Agriculture/Forestry/Fishing	312	373	61	19.6	6	6	12
72008	Supervisors, Farm Workers	137	121	-16	-11.7	-1	2	2
73000	Forestry & Logging Occupations	63	58	-5	-7.9	-1	0	0
73001	Forestry & Logging Occupations	63	58	-5	-7.9	-1	0	0
73002	Fallers & Buckers	*	*	*	*	*	*	*
73008	Log Handling Equipment Operators	*	*	*	*	*	*	*
73011	Logging Tractor Operators	*	*	*	*	*	*	*
73099	All Other Timber Cutting & Related Workers	*	*	*	*	*	*	*
74000	Farm Occupations	4,321	3,746	-575	-13.3	-52	100	100
74001	Farm Occupations	4,321	3,746	-575	-13.3	-52	100	100
74002	Farm Workers, Excluding Agricultural Services	4,321	3,746	-575	-13.3	-52	100	100
75000	Agriculture Related Occupations	*	*	*	*	*	*	*
75001	Agriculture Related Workers	*	*	*	*	*	*	*
75005	Inspectors, Agricultural Production	*	*	*	*	*	*	*
75015	Supervisors, Related Agricultural Occupations	*	*	*	*	*	*	*
77000	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77001	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77005	Fishers, Hunters, & Trappers	*	*	*	*	*	*	*
79000	Other Agriculture & Forestry Occupations	4,914	6,124	1,210	24.6	109	101	210
79001	Gardening, Nursery, Greenhouse/Lawn Occupations	4,914	6,124	1,210	24.6	109	101	210
79002	Forest & Conservation Workers	*	*	*	*	*	*	*
79005	Nursery Workers	198	318	120	60.6	11	5	16
79008	Log Graders & Scalers	*	*	*	*	*	*	*
79011	Graders & Sorters, Agricultural Products	93	100	7	7.5	1	2	3
79015	Animal Breeders	*	*	*	*	*	*	*
79016	Animal Trainers	31	36	5	16.1	0	1	1
79017	Animal Caretakers, Except Farm	2,189	2,699	510	23.3	46	53	99
79030	Gardeners & Groundskeepers, Except Farm	1,128	1,363	235	20.8	21	16	37
79033	Pruners	72	107	35	48.6	3	1	4
79036	Sprayers/Applicators	31	45	14	45.2	1	0	1
79038	Lawn Maintenance Workers	382	516	134	35.1	12	5	17
79806	Veterinary Assistants	203	279	76	37.4	7	5	12
79855	General Farm Workers, Agricultural Services	41	47	6	14.6	1	1	2
79999	All Other Agricultural, Forestry, Fishing	494	556	62	12.6	6	11	17

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
80001	Precision Production, Craft & Repair Occupations	34,012	40,795	6,783	19.9	619	716	1,335
81000	Blue Collar Worker Supervisors	4,956	6,092	1,136	22.9	103	110	213
81001	Blue Collar Worker Supervisors	4,956	6,092	1,136	22.9	103	110	213
81002	First Line Supervisors, Mechanics & Repairers	1,056	1,217	161	15.3	15	22	37
81005	First Line Supervisors, Construction	1,024	1,324	300	29.3	27	25	52
81008	First Line Supervisors, Production	1,989	2,410	421	21.2	38	42	80
81011	First Line Supervisors, Transportation	323	346	23	7.1	2	8	10
81017	First Line Supervisors, Helpers & Laborers	273	349	76	27.8	7	7	14
81099	First Line Supervisors, All Other	291	446	155	53.3	14	6	20
83000	Inspectors & Related Occupations	2,060	2,250	190	9.2	17	37	54
83001	Inspectors, Related Occupations	2,060	2,250	190	9.2	17	37	54
83002	Inspectors, Testers, & Graders, Precision	510	568	58	11.4	5	11	16
83005	Production Inspectors, Testers	1,421	1,499	78	5.5	7	24	31
83008	Transportation Inspectors	*	*	*	*	*	*	*
83099	All Other Inspectors, Testers & Related	113	167	54	47.8	5	2	7
85000	Mechanics, Installers, Repairers	13,481	16,367	2,886	21.4	265	309	574
85100	Machinery: Mechanics, Installers, Repairers	5,124	6,419	1,295	25.3	117	112	229
85110	Industrial Machinery Mechanics	935	1,195	260	27.8	24	25	49
85112	Machinery Maintenance Mechanics: Textile	*	*	*	*	*	*	*
85113	Machinery Maintenance Mechanics: Sewing	56	66	10	17.9	1	1	2
85116	Machinery Mechanics: Marine Equipment	*	*	*	*	*	*	*
85117	Mine Machinery Mechanics	*	*	*	*	*	*	*
85118	Machinery Mechanics, Water & Power Plants	170	229	59	34.7	5	4	9
85119	All Other Machinery Maintenance Mechanics	71	96	25	35.2	2	2	4
85123	Millwrights	281	278	-3	-1.1	0	6	6
85126	Refractory Material Repairers	*	*	*	*	*	*	*
85128	Machinery Maintenance Workers	263	316	53	20.2	5	7	12
85132	Maintenance Repairers, General Utility	3,311	4,195	884	26.7	80	67	147
85300	Vehicle & Mobile Equipment Mechanics/Repairers	3,942	4,990	1,048	26.6	97	100	197
85302	Automotive Mechanics	1,810	2,377	567	31.3	52	49	101
85305	Automotive Body & Related Repairers	597	768	171	28.6	16	15	31
85308	Motorcycle Repairers	26	38	12	46.2	1	1	2
85311	Bus & Truck Mechanics, Diesel Engine Specialists	668	809	141	21.1	13	13	26
85314	Mobile Heavy Equipment Mechanics	321	384	63	19.6	6	8	14
85317	Rail Car Repairers	59	50	-9	-15.3	-1	1	1
85321	Farm Equipment Mechanics	112	118	6	5.4	1	3	4
85323	Aircraft Mechanics	250	322	72	28.8	7	8	15
85326	Aircraft Engine Specialists	*	*	*	*	*	*	*
85328	Small Engine Specialists	83	108	25	30.1	2	2	4
85500	Communications Equipment Mechanics	273	197	-76	-27.8	-7	4	4
85502	Central Office & PBX Installers & Repairers	236	162	-74	-31.4	-7	4	4
85505	Frame Wires, Central Office	*	*	*	*	*	*	*
85511	Signal or Track Switch Maintainers	*	*	*	*	*	*	*
85514	Radio Mechanics	*	*	*	*	*	*	*
85599	All Other Communications Equipment Mechanics	*	*	*	*	*	*	*
85701	Electrical & Electronic Equipment Mechanics	1,803	1,950	147	8.2	15	40	55
85702	Telephone & Cable TV Line Installers/Repairers	522	532	10	1.9	1	10	11
85705	Data Processing Equipment Repairers	120	164	44	36.7	4	3	7
85708	Electronic Home Entertainment Equip. Repairers	74	60	-14	-18.9	-1	2	2

Precision Production, Craft & Repair Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Precision Production, Craft & Repair Occupations

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
85711	Electric Home Appliance & Power Tool Repairers	97	93	-4	-4.1	0	2	2
85714	Electric Motor, Transformer & Related Repairers	34	34	0	0.0	0	1	1
85717	Electronics Repairers, Commercial & Industrial	143	163	20	14.0	2	4	6
85721	Powerhouse, Substation, & Related Electricians	39	38	-1	-2.6	0	1	1
85723	Electrical Powerline Installers & Repairers	423	563	140	33.1	13	10	23
85726	Station Installers & Repairers, Telephone	178	88	-90	-50.6	-8	3	3
85728	Electrical Installers/Repairers, Transportation	41	41	0	0.0	0	1	1
85799	All Other Electrical/Electronic Equip. Mechanics	132	174	42	31.8	4	3	7
85900	Other Mechanics, Installers & Repairers	2,339	2,811	472	20.2	43	53	96
85902	Heat, A/C, Refrigeration Mechanics & Installers	632	897	265	41.9	24	14	38
85905	Precision Instrument Repairers	124	86	-38	-30.7	-3	3	3
85908	Electromedical & Biomedical Equipment Repairers	29	34	5	17.2	0	1	1
85911	Electric Meter Installers & Repairers	46	44	-2	-4.4	0	1	1
85914	Camera & Photographic Equipment Repairers	*	*	*	*	*	*	*
85917	Watchmakers	*	*	*	*	*	*	*
85921	Musical Instrument Repairers & Tuners	*	*	*	*	*	*	*
85923	Locksmiths & Safe Repairers	38	46	8	21.1	1	1	2
85926	Office Machine & Cash Register Services	141	177	36	25.5	3	6	9
85928	Mechanical Control & Valve Installers & Repairers	*	*	*	*	*	*	*
85932	Elevator Installers & Repairers	69	85	16	23.2	1	2	3
85935	Riggers	*	*	*	*	*	*	*
85938	Mobile Home Installers & Repairers	50	61	11	22.0	1	1	2
85944	Gas Appliance Repairers	31	27	-4	-12.9	0	1	1
85947	Coin & Vending Machine Servicers & Repairers	156	190	34	21.8	3	3	6
85951	Bicycle Repairers	48	52	4	8.3	0	1	1
85953	Tire Repairers & Changers	226	259	33	14.6	3	6	9
85956	Menders, Garments, Linens & Related	*	*	*	*	*	*	*
85999	All Other Mechanics, Installers & Repairers	653	761	108	16.5	10	12	22
87000	Construction Trades & Extractive Occupations	9,497	11,283	1,786	18.8	162	194	356
87001	Construction Trades Workers	2,676	2,994	318	11.9	29	51	80
87102	Carpenters	2,404	2,679	275	11.4	25	44	69
87105	Ceiling Tile Installers & Acoustical Carpenters	*	*	*	*	*	*	*
87108	Drywall Installers	179	212	33	18.4	3	5	8
87111	Tapers	80	90	10	12.5	1	2	3
87114	Lathers	*	*	*	*	*	*	*
87121	Brattice Builders	*	*	*	*	*	*	*
87200	Electrical Workers	1,520	1,871	351	23.1	32	34	66
87202	Electricians	1,520	1,871	351	23.1	32	34	66
87300	Masonry Workers	777	951	174	22.4	15	13	28
87302	Brick Masons	479	611	132	27.6	12	8	20
87305	Stone Masons	*	*	*	*	*	*	*
87308	Hard Tile Setters	*	*	*	*	*	*	*
87311	Concrete & Terrazzo Finishers	193	219	26	13.5	2	3	5
87314	Reinforcing Metal Workers	40	45	5	12.5	0	1	1
87317	Plasterers	46	55	9	19.6	1	1	2
87400	Painters & Related Workers	1,088	1,341	253	23.3	23	23	46
87402	Painters & Paperhangers, Construction	1,088	1,341	253	23.3	23	23	46
87500	Plumbers & Related Workers	1,182	1,354	172	14.6	15	22	37
87502	Plumbers, Pipefitters, Steamfitters	966	1,111	145	15.0	13	17	30
87505	Pipelaying Fitters	*	*	*	*	*	*	*
87508	Pipelayers	207	230	23	11.1	2	5	7
87511	Septic Tank Services & Sewer Pipe Cleaners	*	*	*	*	*	*	*

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
87600	Floor Related Workers	179	209	30	16.8	3	5	8
87602	Carpet Installers	153	176	23	15.0	2	5	7
87605	Floor Layers, Except Carpet	*	*	*	*	*	*	*
87608	Floor Sanding Machine Operators	*	*	*	*	*	*	*
87700	Road, Rail, Construction, Maintenance	664	826	162	24.4	15	16	31
87702	Air Hammer Operators	*	*	*	*	*	*	*
87708	Paving, Surfacing, Tamping Equipment Operators	213	308	95	44.6	9	5	14
87711	Highway Maintenance Workers	397	474	77	19.4	7	10	17
87714	Rail-Track Laying & Equipment Operators	52	42	-10	-19.2	-1	1	1
87800	Other Construction Trades Workers	1,143	1,399	256	22.4	23	27	50
87802	Insulation Workers	179	236	57	31.8	5	5	10
87805	Sheet Metal Duct Installers	125	146	21	16.8	2	3	5
87808	Roofers	396	514	118	29.8	11	8	19
87811	Glaziers	61	62	1	1.6	0	1	1
87814	Structural Metal Workers	104	113	9	8.7	1	2	3
87817	Fence Erectors	62	76	14	22.6	1	2	3
87899	All Other Construction Trades Workers	216	252	36	16.7	3	6	9
87900	Extractive & Related Workers, Including Blasters	268	338	70	26.1	7	3	10
87902	Earth Drillers, Except Oil & Gas	35	41	6	17.1	1	1	2
87905	Blasters & Explosives Workers	*	*	*	*	*	*	*
87911	Rotary Drill Operators, Oil & Gas Extraction	*	*	*	*	*	*	*
87914	Derrick Operators, Oil & Gas Extraction	*	*	*	*	*	*	*
87917	Service Unit Operators	*	*	*	*	*	*	*
87921	Roustabouts	*	*	*	*	*	*	*
87923	Roof Bolters	*	*	*	*	*	*	*
87941	Continuous Mining Machine Operators	*	*	*	*	*	*	*
87943	Mine Cutting & Channeling Machine Operators	*	*	*	*	*	*	*
87949	All Other Mining Machine Operators	*	*	*	*	*	*	*
87989	All Other Extractive Workers, Except Helpers	30	35	5	16.7	0	0	0
87999	All Other Construction & Extractive Workers	162	212	50	30.9	5	2	7
89000	Precision Production Occupations	4,018	4,803	785	19.5	72	66	138
89100	Metal Workers, Precision	2,266	2,804	538	23.7	49	42	91
89102	Tool & Die Makers	596	802	206	34.6	19	12	31
89108	Machinists	956	1,182	226	23.6	21	18	39
89111	Tool Grinders, Filers, Sharpeners	89	119	30	33.7	3	2	5
89114	Pattern & Model Makers, Metal	*	*	*	*	*	*	*
89117	Layout Workers, Metal, Precision	26	34	8	30.8	1	0	1
89121	Shipfitters	*	*	*	*	*	*	*
89123	Jewelers & Silversmiths	40	51	11	27.5	1	1	2
89126	Hand Workers, Jewelry, Precision	*	*	*	*	*	*	*
89128	Etchers & Engravers, Precision	*	*	*	*	*	*	*
89132	Sheet Metal Workers	432	440	8	1.9	1	7	8
89135	Boilermakers	36	49	13	36.1	1	1	2
89199	All Other Precision Metal Workers	67	94	27	40.3	2	1	3
89300	Woodworkers, Precision	501	652	151	30.1	14	10	24
89302	Pattern & Model Makers, Wood	*	*	*	*	*	*	*
89305	Pattern Markers, Wood	*	*	*	*	*	*	*
89308	Wood Machinists	114	148	34	29.8	3	2	5
89311	Cabinetmakers & Bench Carpenters	251	328	77	30.7	7	5	12
89314	Furniture Finishers	100	118	18	18.0	2	2	4
89399	All Other Precision Woodworkers	*	*	*	*	*	*	*

Precision Production, Craft & Repair Occupations

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Precision Production, Craft & Repair Occupations

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005		
89500	Textile, Apparel, & Furnishing Workers, Precision	469	420	-49	-10.5	-5	4	4
89502	Patternmakers/Layout Workers, Fabric & Apparel	*	*	*	*	*	*	*
89505	Custom Tailors & Sewers	135	78	-57	-42.2	-5	1	1
89508	Upholsterers	141	134	-7	-5.0	-1	1	1
89511	Shoe & Leather Workers & Repairers, Precision	71	81	10	14.1	1	1	2
89514	Spotters, Dry Cleaning	*	*	*	*	*	*	*
89517	Pressers, Delicate Fabric	64	73	9	14.1	1	1	2
89599	All Other Precision Textile, Apparel, Furnishings	*	*	*	*	*	*	*
89700	Printing Workers, Precision	292	356	64	21.9	6	1	7
89702	Compositors & Typesetters, Precision	33	30	-3	-9.1	0	0	0
89705	Job Printers	*	*	*	*	*	*	*
89706	Paste-up Workers	30	29	-1	-3.3	0	0	0
89707	Electronic Pagination Systems Workers	30	71	41	136.7	4	0	4
89712	Photoengravers	*	*	*	*	*	*	*
89713	Camera Operators	27	30	3	11.1	0	0	0
89715	Scanner Operators	*	*	*	*	*	*	*
89717	Strippers, Printing	51	62	11	21.6	1	1	2
89718	Platemakers	*	*	*	*	*	*	*
89719	All Other Lithographic/Photengraving Occupations	*	*	*	*	*	*	*
89721	Bookbinders	*	*	*	*	*	*	*
89799	All Other Precision Printing Workers	*	*	*	*	*	*	*
89801	Food Workers, Precision	60	51	-9	-15.0	-1	1	1
89802	Slaughterers & Butchers	14	8	-6	-42.9	-1	0	0
89805	Bakers, Manufacturing	*	*	*	*	*	*	*
89808	Food Batchmakers	*	*	*	*	*	*	*
89899	All Other Precision Food & Tobacco Workers	*	*	*	*	*	*	*
89900	Other Precision Workers	430	520	90	20.9	9	8	17
89902	Foundry Mold & Core Makers	*	*	*	*	*	*	*
89905	Molders & Shapers, Except Jewelry/Foundry	51	74	23	45.1	2	1	3
89908	Patternmakers, Model Makers & Related	*	*	*	*	*	*	*
89911	Detail Design Decorators/Painters	*	*	*	*	*	*	*
89914	Photographic Process Workers	32	38	6	18.8	1	1	2
89917	Optical Goods Workers	30	47	17	56.7	2	1	3
89921	Dental Laboratory Technicians	112	103	-9	-8.0	-1	2	2
89923	Medical Appliance Makers	*	*	*	*	*	*	*
89999	All Other Precision Workers	165	207	42	25.5	4	3	7

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	336,298	405,667	69,369	20.6	6,311	7,501	13,812
90000	Operators, Fabricators, & Laborers	58,645	72,102	13,457	23.0	1217	1317	2534
91000	Machine Setters, Set-Up Operators & Tenders	15,888	18,454	2,566	16.2	229	341	570
91100	Selected Machine Setters/Operators/Tenders	1,268	1,406	138	10.9	12	20	32
91102	Sawing Machine Tool Setters/Operators, M/P	62	87	25	40.3	2	1	3
91105	Lathe/Turning Machine Tool Setters/Operators, M/P	202	260	58	28.7	5	3	8
91108	Drilling/Boring Machine Setters/Operators, M/P	130	124	-6	-4.6	-1	2	2
91111	Milling Machine Setters/Operators, Metal/Plastic	*	*	*	*	*	*	*
91114	Grinding Machine Setters/Operators, Metal/Plastic	217	267	50	23.0	5	4	9
91117	Machine Tool Cutting Operators/Tenders, Met/Plas	640	646	6	0.9	1	10	11
91200	Machine Tool Cut & Form Setters/Operators/Tenders	2,035	2,318	283	13.9	26	53	79
91302	Punching Machine Setters/Operators, Metal/Plas	278	304	26	9.4	2	6	8
91305	Press Machine Setters & Operators, Metal/Plastic	305	411	106	34.8	10	6	16
91308	Shear Machine Setters & Operators, Metal/Plastic	130	151	21	16.2	2	2	4
91311	Extruding & Drawing Setters/Operators, Metal/Plas	333	310	-23	-6.9	-2	10	10
91314	Rolling Machine Setters/Operators, Metal/Plastic	99	140	41	41.4	4	2	6
91317	Forging Machine Setters/Operators, Metal/Plastic	32	46	14	43.8	1	0	1
91321	Machine Forming Operators Tenders, Metal/Plastic	858	956	98	11.4	9	27	36
91500	Numerical/Combination Machine Setters/Operators	415	713	298	71.8	27	6	33
91502	Numerical Control Machine Operators/Tenders, M/P	192	328	136	70.8	12	3	15
91505	Combination Machine Tool Setters/Operators, M/P	76	117	41	54.0	4	1	5
91508	Combination Machine Tool Operators/Tenders, M/P	147	268	121	82.3	11	2	13
91700	Metal Fabricating Machine Setters & Operators	901	1,169	268	29.7	23	21	44
91702	Welding Machine Setters & Set-up Operators	160	206	46	28.8	4	4	8
91705	Welding Machine Operators & Tenders	487	646	159	32.7	14	12	26
91708	Soldering & Brazing Machine Setters & Operators	*	*	*	*	*	*	*
91711	Soldering & Brazing Machine Operators & Tenders	75	58	-17	-22.7	-2	2	2
91714	Metal Fabricators, Structural Metal Products	177	257	80	45.2	7	3	10
91900	Metal & Plastic Processing Machine Setters/Operators	1,240	1,654	414	33.4	37	36	73
91902	Plastic Molding Machine Setters & Operators	228	302	74	32.5	7	7	14
91905	Plastic Molding Machine Operators & Tenders	574	764	190	33.1	17	18	35
91908	Metal Molding Machine Setters & Operators	49	78	29	59.2	3	2	5
91911	Metal Molding Machine Operators & Tenders	44	88	44	100.0	4	1	5
91914	Foundry Mold Assembly & Shakeout Workers	29	34	5	17.2	0	1	1
91917	Electric Plating Machine Setters & Operators, M/P	31	40	9	29.0	1	1	2
91921	Electric Plating Machine Operators/Tenders, M/P	71	75	4	5.6	0	2	2
91923	Nonelectric Plating Machine Setters/Operators, M/P	*	*	*	*	*	*	*
91926	Nonelectric Plating Machine Operators/Tenders	*	*	*	*	*	*	*
91928	Heating Equipment Setters/Operators, Met/Plas	30	43	13	43.3	1	1	2
91932	Heat Treating Machine Operators & Tenders, M/P	54	70	16	29.6	1	1	2
91935	Furnace Operators & Tenders	121	149	28	23.1	3	2	5
92100	All Other Metal & Plastic Machine Setters/Operators	238	315	77	32.4	7	5	12
92197	All Other Metal & Plastic Machine Setters	98	128	30	30.6	3	2	5
92198	All Other Metal & Plastic Machine Operators	140	187	47	33.6	4	3	7
92300	Woodworking Machine Setters & Operators	303	304	1	0.3	0	5	5
92302	Sawing Machine Setters & Set-Up Operators	*	*	*	*	*	*	*
92305	Head Sawyers	*	*	*	*	*	*	*
92308	Sawing Machine Operators & Tenders	111	91	-20	-18.0	-2	2	2
92311	Woodworking Machine Setters & Operators	43	45	2	4.7	0	1	1
92314	Woodworking Machine Operators & Tenders	118	137	19	16.1	2	2	4

Operators, Fabricators, & Laborers

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Operators, Fabricators, & Laborers

Occupational		Employment*		Change		Job Openings		
Code	Title	1994 Estimated	2005 Projected	1994-2005 Number	1994-2005 Percent	Average Annual 1994-2005		
						Growth	Separations	Total
92500	Printing, Binding & Related Occupations	939	1,205	266	28.3	24	17	41
92510	Printing Press Machine Setters	72	96	24	33.3	2	1	3
92512	Offset Lithographic Press Operators	84	109	25	29.8	2	2	4
92515	Letterpress Operators	*	*	*	*	*	*	*
92519	All Other Printing Press Setters & Set-Up Operators	28	39	11	39.3	1	1	2
92522	Specialty Material Printing Machine Setters	27	34	7	25.9	1	1	2
92524	Screen Printing Machine Setters & Operators	44	49	5	11.4	0	1	1
92525	Bindery Machine Setters & Set-Up Operators	168	238	70	41.7	6	3	9
92529	All Other Printing, Related Setters & Operators	*	*	*	*	*	*	*
92541	Typesetting/Composing Machine Operators/Tenders	*	*	*	*	*	*	*
92543	Printing Press Machine Operators & Tenders	316	415	99	31.3	9	6	15
92545	Photoengraving/Lithographic Operators/Tenders	*	*	*	*	*	*	*
92546	Bindery Machine Operators	109	144	35	32.1	3	2	5
92549	All Other Printing, Binding & Related Workers	*	*	*	*	*	*	*
92701	Textile & Related Setters & Operators	3,957	3,593	-364	-9.2	-33	68	68
92702	Textile Machine Setters & Set-Up Operators	*	*	*	*	*	*	*
92705	Textile Machine Operators & Tenders, Winding	82	91	9	11.0	1	1	2
92708	Extruding & Forming Machine Operators/Tenders	72	81	9	12.5	1	1	2
92711	Textile Draw-Out Machine Operators & Tenders	*	*	*	*	*	*	*
92714	Textile Bleaching/Dyeing Machine Operators	37	58	21	56.8	2	1	3
92717	Sewing Machine Operators, Garment	2,325	1,669	-656	-28.2	-60	37	37
92721	Sewing Machine Operators, Non-Garment	577	776	199	34.5	18	9	27
92723	Shoe Sewing Machine Operators & Tenders	*	*	*	*	*	*	*
92726	Laundry/Drycleaning Machine Operators/Tenders	511	576	65	12.7	6	12	18
92728	Pressing Machine Operators/Tenders, Textile	336	323	-13	-3.9	-1	7	7
92901	Other Machine Setters, Operators/Tenders	4,592	5,777	1,185	25.8	106	110	216
92905	Motion Picture Projectionists	*	*	*	*	*	*	*
92908	Photographic Processing Machine Oprs/Tenders	73	84	11	15.1	1	2	3
92914	Paper Goods Machine Setters/Set-Up Operators	241	263	22	9.1	2	6	8
92917	Cooking Machine Operators, Food/Tobacco	*	*	*	*	*	*	*
92921	Roasting Machine Operators, Food/Tobacco	*	*	*	*	*	*	*
92923	Furnace, Kiln or Kettle Operators/Tenders	143	133	-10	-7.0	-1	2	2
92926	Boiler Operators & Tenders, Low Pressure	36	28	-8	-22.2	-1	1	1
92928	Cooling & Freezing Equipment Operators/Tenders	*	*	*	*	*	*	*
92932	Dairy Processing Equipment Operators/Setters	*	*	*	*	*	*	*
92935	Chemical Equipment Controllers/Operators	66	97	31	47.0	3	2	5
92938	Chemical Equipment Tenders	*	*	*	*	*	*	*
92941	Cutting & Slicing Machine Setters	63	83	20	31.8	2	1	3
92944	Cutting & Slicing Machine Operators/Tenders	192	279	87	45.3	8	3	11
92947	Painters,Transportation Equipment	116	114	-2	-1.7	0	3	3
92951	Painting Machine Setters/ Set-Up Operators	140	180	40	28.6	4	3	7
92953	Painting Machine Operators/Tenders	389	589	200	51.4	18	10	28
92956	Cement & Gluing Machine Operators/Tenders	91	93	2	2.2	0	2	2
92958	Cleaning & Pickling Equipment Operators/Tenders	43	48	5	11.6	0	1	1
92962	Separating & Still Machine Operators/Tenders	51	51	0	0.0	0	2	2
92965	Crushing & Mixing Machine Operators/Tenders	402	529	127	31.6	12	9	21
92968	Extruding & Forming Machine Setters	114	130	16	14.0	1	3	4
92971	Extruding & Forming Machine Operators/Tenders	424	482	58	13.7	5	10	15
92974	Packaging & Filling Machine Operators/Tenders	614	728	114	18.6	10	15	25
92997	All Other Machine Setters and Set-Up Operators	239	283	44	18.4	4	6	10
92998	All Other Machine Operators & Tenders	1,067	1,490	423	39.6	38	27	65

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
93000	Handworking Occupations, Including Assemblers	14,986	19,812	4,826	32.2	438	347	785
93100	Assemblers, Precision	1,184	1,576	392	33.1	36	24	60
93105	Machine Builders, Assemblers, Precision	130	162	32	24.6	3	2	5
93108	Fitters, Structural Metal, Precision	49	57	8	16.3	1	1	2
93111	Electromechanical Equipment Assemblers	214	375	161	75.2	15	5	20
93114	Electrical, Electronic Equipment Assemblers	580	659	79	13.6	7	13	20
93117	Watch & Clock Assemblers & Related, Precision	*	*	*	*	*	*	*
93197	All Other Precision Assemblers, Metal	194	309	115	59.3	10	3	13
93900	Hand Workers, Including Assemblers & Fabricators	13,802	18,236	4,434	32.1	402	323	725
93902	Machine Assemblers	826	1,054	228	27.6	21	19	40
93905	Electrical & Electronic Assemblers	2,575	3,327	752	29.2	68	59	127
93908	Coil Winders, Tapers, & Finishers	69	48	-21	-30.4	-2	2	2
93911	Glaziers, Manufacturing	*	*	*	*	*	*	*
93914	Welders & Cutters	1,085	1,370	285	26.3	26	26	52
93917	Solderers & Brazers	88	94	6	6.8	1	2	3
93921	Pressers, Hand	*	*	*	*	*	*	*
93923	Sewers, Hand	*	*	*	*	*	*	*
93926	Cutters & Trimmers, Hand	88	111	23	26.1	2	2	4
93928	Portable Machine Cutters	35	44	9	25.7	1	1	2
93932	Carpet Cutters, Diagrammers, & Seamers	*	*	*	*	*	*	*
93935	Cannery Workers	*	*	*	*	*	*	*
93938	Meat, Poultry & Fish Cutters & Trimmers, Hand	*	*	*	*	*	*	*
93941	Metal Pourers & Casters, Basic Shapes	*	*	*	*	*	*	*
93944	Molders & Casters, Hand	48	59	11	22.9	1	1	2
93947	Painting, Coating, & Decorating Workers, Hand	97	146	49	50.5	4	3	7
93951	Engraving & Printing Workers, Hand	26	29	3	11.5	0	1	1
93953	Grinders & Polishers, Hand	121	175	54	44.6	5	3	8
93956	All Other Assemblers & Fabricators	7,328	9,673	2,345	32.0	213	168	381
93999	All Other Hand Workers	1,285	2,020	735	57.2	67	34	101
95000	Plant & System Occupations	716	772	56	7.8	5	16	21
95001	Plant & System Occupations	716	772	56	7.8	5	16	21
95002	Water & Liquid Waste Treatment Operators	323	367	44	13.6	4	7	11
95005	Gas Plant Operators	*	*	*	*	*	*	*
95008	Chemical Plant & System Operators	*	*	*	*	*	*	*
95014	Petroleum Refinery & Control Panel Operators	*	*	*	*	*	*	*
95017	Gaugers	*	*	*	*	*	*	*
95021	Power Generating Plant Operators	27	29	2	7.4	0	1	1
95023	Auxiliary Equipment Operators, Power	33	34	1	3.0	0	1	1
95028	Power Distributors & Dispatchers	40	38	-2	-5.0	0	1	1
95032	Stationary Engineers	39	35	-4	-10.3	0	1	1
95099	All Other Plant & System Operators	221	236	15	6.8	1	5	6
97000	Transportation/Material Moving Machine Operators	14,863	17,547	2,684	18.1	244	269	513
97100	Motor Vehicle Operators	10,140	11,968	1,828	18.0	166	171	337
97102	Truck Drivers, Heavy	4,475	5,085	610	13.6	55	73	128
97105	Truck Drivers, Light	3,416	4,176	760	22.3	69	56	125
97108	Bus Drivers, Except School	313	353	40	12.8	4	6	10
97111	Bus Drivers, School	1,235	1,456	221	17.9	20	22	42
97114	Taxi Drivers & Chauffeurs	152	173	21	13.8	2	2	4
97117	Driver/Sales Workers	498	673	175	35.1	16	11	27
97199	All Other Motor Vehicle Operators	51	52	1	2.0	0	1	1
97300	Rail Transportation Workers	167	117	-50	-29.9	-5	1	1
97302	Railroad Conductors & Yardmaster	41	35	-6	-14.6	-1	0	0
97305	Locomotive Engineers	39	31	-8	-20.51	-1	0	0

Operators, Fabricators, & Laborers

Bluegrass Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Operators, Fabricators, & Laborers

Occupational		Employment*		Change		Job Openings		
		1994	2005	1994-2005		Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers	*	*	*	*	*	*	*
97311	Locomotive Firers	*	*	*	*	*	*	*
97317	Railroad Brake, Signal, & Switch Operators	66	39	-27	-40.9	-2	1	1
97501	Water Transportation & Related Workers	*	*	*	*	*	*	*
97508	Pilots, Ship	*	*	*	*	*	*	*
97514	Able Seamen	*	*	*	*	*	*	*
97517	Ordinary Seamen & Marine Oilers	*	*	*	*	*	*	*
97521	Ship Engineers	*	*	*	*	*	*	*
97700	Pilot, Flight Engineer Occupations	246	300	54	22.0	5	8	13
97702	Aircraft Pilots & Flight Engineers	246	300	54	22.0	5	8	13
97800	All Other Transportation Workers	836	984	148	17.7	13	22	35
97802	Bridge, Lock & Lighthouse Tenders	*	*	*	*	*	*	*
97805	Service Station Attendants	698	822	124	17.8	11	20	31
97808	Parking Lot Attendants	26	30	4	15.4	0	0	0
97899	All Other Transportation & Related Workers	106	126	20	18.9	2	2	4
97900	Material Moving Equipment Operators	3,466	4,173	707	20.4	65	67	132
97905	Tank Car & Truck Loaders	*	*	*	*	*	*	*
97908	Oil Pumpers, Except Well Head	*	*	*	*	*	*	*
97911	Well Head Pumpers	*	*	*	*	*	*	*
97917	Gas Pumping Station Operators	*	*	*	*	*	*	*
97921	Gas Compressor Operators	*	*	*	*	*	*	*
97923	Excavation & Loading Machine Operators	296	368	72	24.3	7	6	13
97932	Loading Machine Operators, Underground Mining	*	*	*	*	*	*	*
97935	Shuttle Car Operators	*	*	*	*	*	*	*
97938	Grader, Dozer, & Scraper Operators	428	514	86	20.1	8	7	15
97941	Hoist & Winch Operators	42	44	2	4.8	0	1	1
97944	Crane & Tower Operators	196	242	46	23.5	4	4	8
97947	Industrial Truck & Tractor Operators	1,453	1,783	330	22.7	30	31	61
97951	Conveyor Operators & Tenders	94	110	16	17.0	1	1	2
97953	Pump Operators	*	*	*	*	*	*	*
97956	Operating Engineers	486	551	65	13.4	6	10	16
97989	All Other Material Moving Equipment Operators	378	461	83	22.0	8	6	14
97999	All Other Transportation/Material Moving Operators	42	49	7	16.7	1	1	2
98000	Helpers, Laborers, & Material Movers, Hand	12,192	15,517	3,325	27.3	301	344	645
98100	Helpers, Laborers, & Hand Movers	438	523	85	19.4	8	14	22
98102	Mechanic & Repairer Helpers	438	523	85	19.4	8	14	22
98300	Helpers, Construction Trades	1,691	2,091	400	23.7	37	40	77
98311	Helpers, Brick & Stone Mason	303	419	116	38.3	11	7	18
98312	Helpers, Carpenters & Related	535	645	110	20.6	10	13	23
98313	Helpers, Electricians & Related	325	351	26	8.0	2	8	10
98314	Helpers, Painting & Paperhanging	56	76	20	35.7	2	1	3
98315	Helpers, Plumbers & Related	257	309	52	20.2	5	6	11
98316	Helpers, Roofers	83	118	35	42.2	3	2	5
98319	Helpers, All Other Construction Trades	130	171	41	31.5	4	3	7
98323	Helpers, Extractive Workers	*	*	*	*	*	*	*
98500	Machine Feeders & Offbearers Total	697	790	93	13.3	8	17	25
98502	Machine Feeders & Offbearers	697	790	93	13.3	8	17	25
98700	Freight, Stock, & Material Movers, Hand	2,787	2,981	194	7.0	17	104	121
98705	Refuse Collectors	337	384	47	14.0	4	7	11
98799	All Other Freight, Stock, & Material Movers, Hand	2,450	2,597	147	6.0	13	97	110
98900	All Other Helpers, Laborers, & Movers, Hand	6,579	9,132	2,553	38.8	231	169	400
98902	Hand Packers & Packagers	1,693	2,203	510	30.1	46	43	89
98905	Vehicle Washers & Equipment Cleaners	948	1,437	489	51.6	44	31	75
98999	All Other Helpers, Laborers, & Material Movers	3,938	5,492	1,554	39.5	141	95	236